

Installation Instructions

Range

Questions? Call GE Appliances at 1.800.GE.CARES (1.800.432.2737) or visit www.GEAppliances.com. In Canada, call 1.800.591.3344 or visit www.GEAppliances.ca.

IN THE COMMONWEALTH OF MASSACHUSETTS

- When using ball type gas shut-off valves, they shall be the "Handle" type.
- A flexible gas connector, when used, must not exceed 5 feet.

WARNING

FIRE OR EXPLOSION HAZARD

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death. Installation must be performed by a qualified installer.

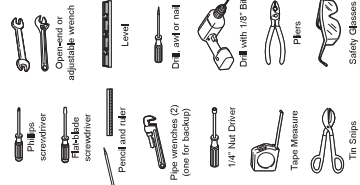
Read these instructions completely and carefully. Installation of this range must conform with the National Fuel Gas Code, ANSI Z223.1/NFPA 54, latest edition. In Canada, installation must conform with the current Natural Gas Installation Code (CGA 8146.2) and the current LP Gas Installation Code (CGA 8146.2) and with local codes where applicable. This range has been design-certified by CSA International according to ANSI Z21.1.

FOR YOUR SAFETY:

- Read the instructions carefully.
- Engage the range to the anti-tip bracket by sliding the anti-tip bracket into the wall or back.
- Follow the instructions for the range to be moved.

If you did not receive an anti-tip bracket with your purchase, call 1.800.626.8774 to receive one at no cost. (In Canada, call 1.800.591.3344.) For more information, visit www.GEAppliances.com. (In Canada, visit www.GEAppliances.ca.)

TOOLS YOU WILL NEED



MATERIALS YOU MAY NEED

- Gas line shut-off valve
- Pipe with "Teflon" that resists action of natural gas and propane gases
- Flexible metal appliance connector (1/2" I.D.), 1/2" long and 1/2" long (for 1/2" I.D. installation but other lengths are acceptable. Never use an old connector when installing a new one.)
- Flame union adapter for connection to gas supply line (3/4" or 1/2" NPT x 1/2" I.D.)
- Flame union adapter for connection to pressure pipe (3/4" or 1/2" NPT x 1/2" I.D.)
- UL Listed 40 AMP
- UL Wire Cord 4 long OR 5-Wire Cord 4 long

*Teflon: Registered trademark of DuPont

BEFORE YOU BEGIN

- IMPORTANT** — Save these instructions for local inspectors' use.
- IMPORTANT** — Observe all governing codes and ordinances.
- IMPORTANT** — Remove all packing material and hardware from oven before connecting gas and electrical supply to range.
- IMPORTANT** — To avoid damage to your cabinets, check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate or sustain other damage. This oven has been tested for use with cabinets made of materials of UL and CSA International and compatible with the maximum allowable wood cabinet temperatures of 194°F (90°C).

CAUTION Only the GE Café branded series of Adantium® or microwave over-the-range ovens are designed to be installed above the GE Café range. Surfaces above a gas range can become extremely hot. Surfaces above a GE Café range may result in surface temperatures that can cause burns.

Mobile Home - Additional Installation Requirements

The installation of this range must conform to the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280 (formerly the Federal Standard for Mobile Homes) and the Manufactured Home Construction and Safety Act, Public Law 94-289, HUD Part 280. Where such standard is not applicable, use the Standard for Manufactured Home Installations, ANSI A225.1/NFPA 501A or with local codes.

In Canada, the installation of this range must conform to the Canadian Building Code (CBC) and the National Building Code (NBC). When this range is installed in a mobile home, it must be secured to the floor during transit. Any method of securing the range is adequate as long as it conforms to the standards listed above.

CONVERTING TO PROPANE GAS (OR CONVERTING BACK TO NATURAL GAS FROM PROPANE)

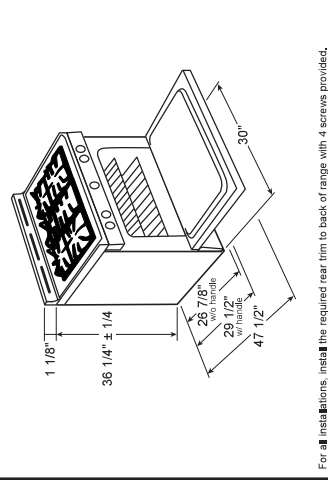
This range is set for use with natural gas. If you want to convert to propane gas, the conversion must be performed by a qualified propane gas installer. The conversion orifices and instructions can be found on back of the range. Keep these instructions and all orifices in case you want to convert back to natural gas.

INSTALLATION AT HIGH ALTITUDE

Over 6000 ft product certified for natural gas or propane requires installation of kit 04823623254 for natural gas and W825X23255 for propane gas. Follow the instructions included with the kit.

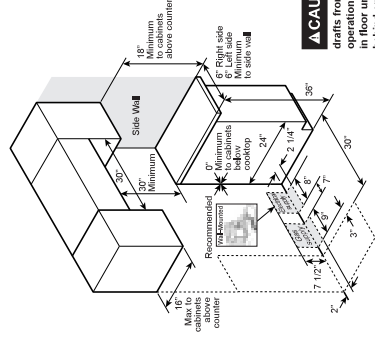
DIMENSIONS AND CLEARANCES

Flame-retardant linboard covered with no less than No. 26 H/32 sheet metal (0.015" [0.38 mm] thick) or 0.024" (0.61 mm) aluminum or 0.027" (0.5 mm) copper. Installation of a listed microwave oven or cooking appliance over the countertop shall conform with applicable installation instructions provided with that appliance. For island installation, maintain 24 1/2" minimum clearance between burners and bottom of unprotected wood or metal cabinet, or allow a 24" (61 cm) clearance between burners and bottom of cabinet that is protected by no less than 1/4" (6.4 mm) thick countertop.



For all installations, install the required rear trim to back of range with 4 screws provided.

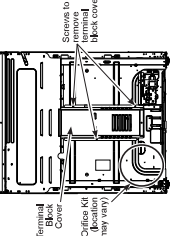
DIMENSIONS AND CLEARANCES (CONT.)



CAUTION

To prevent drafts from affecting burner operation, seal all openings in floor under appliance and behind appliance wall.

REAR OF RANGE



Keep these instructions and all orifices in case you want to convert back to natural gas.

INSTALLATION AT HIGH ALTITUDE

Over 6000 ft product certified for natural gas or propane requires installation of kit 04823623254 for natural gas and W825X23255 for propane gas. Follow the instructions included with the kit.

1 ELECTRICAL REQUIREMENTS

- WARNING** This appliance must be properly grounded.
- WARNING** All new constructions, mobile homes, recreational vehicles and installations where local codes do not allow grounding through neutral, require a 4-conductor UL-listed range cord.
- WARNING** To prevent fire or shock, do not use an extension cord with this appliance.
- WARNING** To prevent shock, remove house fuse or open circuit breaker before beginning installation.

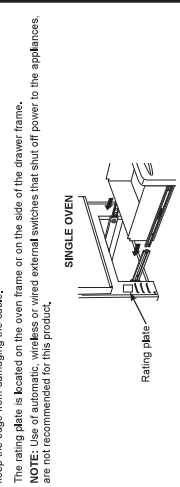
We recommend you have the electrical wiring and hookup of your range connected by a qualified electrician. After installation, have the electrician show you how to disconnect power from the range. You must use a single-phase, 120/208 VAC or 120/240 VAC, 60 hertz electrical system. If you connect to aluminum wiring, properly installed connectors approved for use with aluminum wiring must be used.

Effective January 1, 1996, the National Electrical Code requires that new construction (not existing) utilize a 4-conductor connection to an electric range. When installing an electric range in new construction, mobile home, recreational vehicle, or an area where local codes prohibit grounding through the neutral conductor, refer to the section on four-conductor branch circuit connections. Check with your local utilities for electrical codes which apply in your area. Failure to wire your oven according to governing codes could result in fire or electrical shock. If there are no local codes, refer to the National Electrical Code (NEC) Handbook, published by the National Fire Protection Association.

This appliance must be supplied with the proper voltage and frequency, and connected to an time-delay fuse, grounded, 40 amp (minimum) branch circuit protected by a circuit breaker or time-delay fuse.

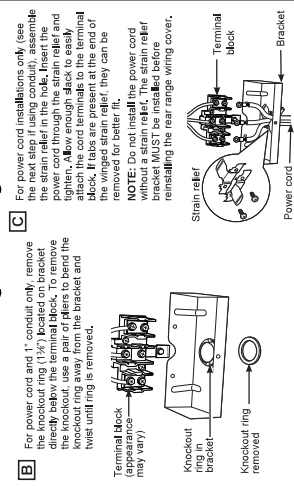
Use only a 3-conductor or a 4-conductor UL-listed range cord. These cords may be provided with ring terminals on wire and a strain relief device.

A range cord rated at 40 amps with 125/250 minimum volt range is required. A 50 amp range cord is not recommended but used, it should be marked for use with nominal 1 1/2" diameter connection openings. Care should be taken to center the cable and strain relief within the knockout hole to keep the edge from damaging the cable.



2 POWER CORD AND CONDUIT INSTALLATION

- A** Remove wire cover (on the back of range) by removing screws using a 1/4" nut driver. You may use the Anti-Tip Bracket as a terminal block cover (on some models) or the wire cover. Do not discard these screws.

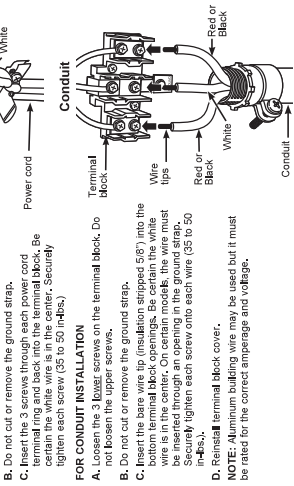


- B** For power cord and 1" conduit only, remove the knockout ring (1 1/2" located on bracket) from the end cap using a screwdriver. Insert the power cord through the strain relief and attach the ground strap to the terminal block. If tabs are present at the end of the knockout ring, they can be removed or bent out.
- C** For power cord installations only, use the next step in using conduit, assemble the strain relief in the hole. Insert the power cord through the strain relief and attach the ground strap to the terminal block. If tabs are present at the end of the knockout ring, they can be removed or bent out.
- D** For 3/4" conduit installations only, purchase a squeeze connector matching the diameter and length. Allow enough slack to easily attach the wires to the terminal block. Do not install the conduit without a squeeze connector. The squeeze connector MUST be installed before reinstalling the rear terminal block.

Proceed to step 5 or 6.

3 3-WIRE INSTALLATION (GROUND IS THROUGH THE NEUTRAL WIRE)

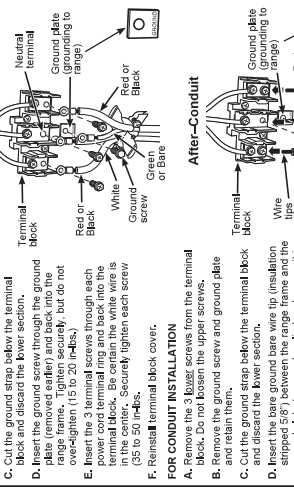
- WARNING Shock Hazard** The neutral wire and ground strap must be connected as shown below for the range to be properly grounded. Do not remove the ground strap. Proper grounding as instructed may result in potential shock hazard.
- WARNING Fire Hazard** Terminal block screws must be securely tightened. Failure to do so may result in potential fire hazard.



- FOR POWER CORD INSTALLATION**
 - Remove the 3 lowest screws from the terminal block. Do not loosen the upper screws.
 - Do not cut or remove the ground strap.
 - Insert the 3 screws through each power cord terminal and tighten each screw (35 to 50 in-lbs).
 - FOR CONDUIT INSTALLATION**
 - Loosen the 3 lowest screws on the terminal block. Do not cut or remove the ground strap.
 - Do not cut or remove the ground strap.
 - Insert the bare wire tip (insulation stripped 5/8") into the bottom terminal block openings. Be certain the white wire is in the center. Securely tighten each screw (35 to 50 in-lbs).
 - Securely tighten each screw onto each wire (35 to 50 in-lbs).
 - Reinstall terminal block cover.
- NOTE:** Aluminum building wire may be used but it must be rated for the correct amperage and voltage.

4 4-WIRE INSTALLATION (SEPARATE GROUND WIRE)

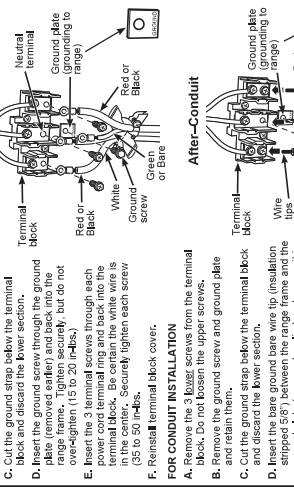
- WARNING** The neutral wire of the supply circuit must be connected to the ground strap in the lower section of the terminal block. This wire must be connected to the lower left and lower right terminals of the terminal block. The grounding lead must be connected to the frame of the range with the ground plate and the green ground strap (15 to 20 in-lbs).



- FOR POWER CORD INSTALLATION**
 - Remove the 3 lowest screws from the terminal block. Do not loosen the upper screws.
 - Do not cut or remove the ground strap.
 - Insert the 3 terminal screws through each power cord terminal and tighten each screw (35 to 50 in-lbs).
 - Securely tighten each screw onto each wire (35 to 50 in-lbs).
 - Reinstall terminal block cover.
 - FOR CONDUIT INSTALLATION**
 - Remove the 3 lowest screws from the terminal block. Do not loosen the upper screws.
 - Remove the ground screw and ground plate and retain them.
 - Insert the bare ground bare wire tip (insulation stripped 5/8") between the range frame and the ground plate (removed earlier) and secure it in the center. Securely tighten each screw (35 to 50 in-lbs).
 - Insert the wire tips (insulation stripped 5/8") into the bottom terminal block openings. Be certain the white wire is in the center. On certain models, the ground strap may be attached to an opening in the ground strap. Securely tighten each screw onto each wire (35 to 50 in-lbs).
 - Reinstall terminal block cover.
- NOTE:** Aluminum building wire may be used but it must be rated for the correct amperage and voltage.

5 GAS SUPPLY

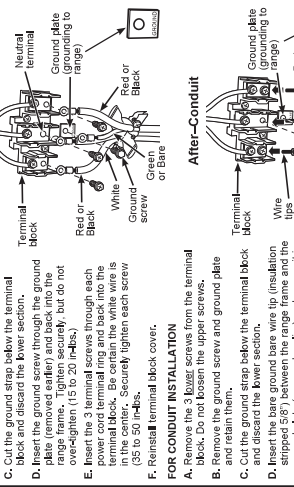
- WARNING** To prevent gas leaks, put pipe joint compound on, or wrap pipe thread tape with yellow flame to check for gas leaks.
- WARNING** Explosion Hazard: Do not exceed 25 ft-lbs of torque when making gas connections. Do not use a pressure regulator or explosion hazard.



- WARNING** To prevent gas leaks, put pipe joint compound on, or wrap pipe thread tape with yellow flame to check for gas leaks.
 - WARNING** Explosion Hazard: Do not exceed 25 ft-lbs of torque when making gas connections. Do not use a pressure regulator or explosion hazard.
- You must use the gas pressure regulator supplied with the range. The gas pressure regulator must be installed on the gas supply line before the pressure to the regulator should be as follows:
- Natural Gas:**
 Minimum pressure: 6" of Water Column
 Maximum pressure: 13" of Water Column
- Propane Gas:**
 Minimum pressure: 11" of Water Column
 Maximum pressure: 13" of Water Column
- If you are not sure about the inlet pressure contact local gas supplier.
- Disconnecting the gas supply and leaving the new hood-up has been completed, and the appliance when you turn the gas back on. Because hard piping restricts movement of the hood, the hood must be kept open at least 1" during the use of a CSA International-approved gas pressure regulator. The hood must be kept open unless local codes require a hand-piped connection.
- NOTE:** Registered trademark of DuPont

6 SURFACE BURNERS

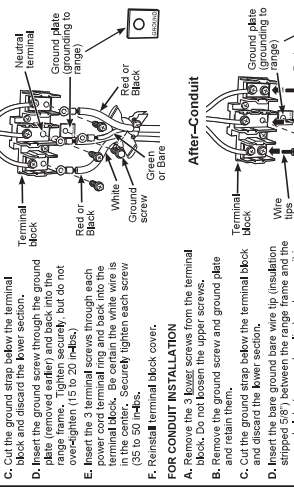
- WARNING** Fire or Explosion Hazard: Do not operate the burner without all burner parts in place.
- Burners** - Place surface burners into corresponding positions on cooktop.
- Caps** - Place caps on proper size burner.
- Grates** - The left and right grates are interchangeable. Place the grates on the cooktop.



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7 CHECK SURFACE BURNERS

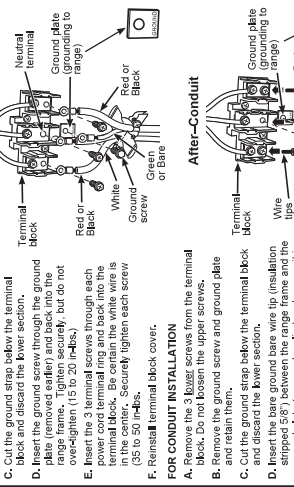
- Quality of Flames** Determine the quality of flames visually. Normal burner flames should look like (A) or (B).
- Normal flames** may show signs of orange from only the one side. Once air is purged from the supply line, burner should light within 4 seconds. After burner lights, rotate the knob to the OFF position. If the burner does not relight on successive attempts, the burner has been obstructed.



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8 INSTALL AND CHECK ANTI-TIP DEVICE

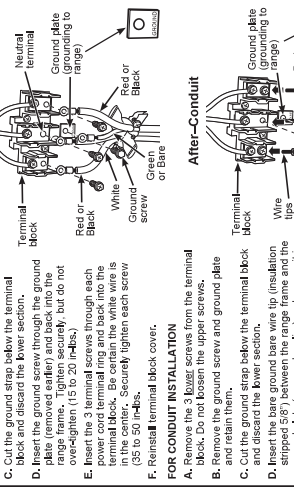
- WARNING** Never completely remove the leveling leg as the range will not be secured to the anti-tip device properly. Follow instructions supplied with ANTI-TIP bracket.



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9 LEVEL THE RANGE

- WARNING** Never completely remove the leveling leg as the range will not be secured to the anti-tip device properly. A. Plug in the unit.
- Measure the height of your countertop at the rear of the opening (X).**
- Adjust two rear leveling legs so that the rear of cooktop is at the same height or higher than the counter (Y).**
- Slide unit into place.**
- Insert oven shelves in the oven and position the range where it will be installed.**
- Check for clearance by placing a spirit level across the top of the range. The level readings—with the level placed diagonally first in one direction and then the other.**
- Adjust front leveling legs until the range is level.**
- Lock under the unit and verify that the rear leg is fully engaged with the anti-tip device. If the rear leg is not fully engaged, adjust the rear leg so that it is properly engaged.**



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10 FINAL INSTALLATION CHECKLIST

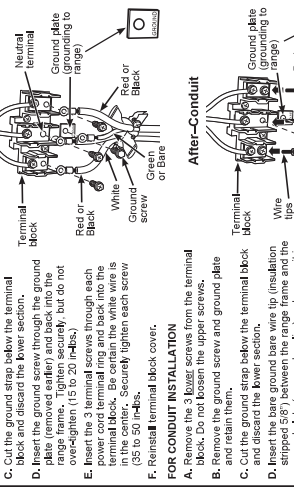
- Check to make sure the circuit breaker is closed (RESET) or the circuit fuses are replaced.
- Be sure power is in service to the building.
- Check that all packing materials and tape have been removed. This will include tape on metal panel under control knobs (if applicable), adhesive tape, wire ties, cardboard and protective plastic. Failure to remove these materials could result in damage to the appliance once the appliance has been turned on and surfaces have heated.
- Check that the door and drawer are parallel to each other and that both operate smoothly. If they do not, see the Owner's Manual for proper replacement.
- Check to make sure that the rear leveling leg is fully inserted into the Anti-Tip bracket and that the bracket is securely installed.

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CONNECTOR HOOKUP

- WARNING** Do not use a pressure regulator unless local codes require a hand-piped connection.
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